

Abstract of the Disclosure

A medical connector adapted for placement between a catheter and a medical infusion or injection source includes a pair of interlocking half medical connector portions, one side of which attaches to the infusion source and the other side of which is coupled to the catheter connected to the patient and a locking mechanism for locking a medical connector portion to a medical fitting. The connection to the catheter and the infusion source can be via standard medical luer taper fittings, with or without specially designed locking mechanisms that prevent inadvertent disconnection. The medical connector itself is uniquely shaped and includes a raised surface feature and a recessed surface feature formed on the medical connector portions.